

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	spot adj diameter with (narrow\$3 or shrink\$3 or decreas\$3 or reduc\$6) with (receiver or pd or photodiode or photo?diode or rx or photodetect\$5 or photo?detect\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 16:36
L2	2211	spot near2 diameter near4 (narrow\$3 or shrink\$3 or decreas\$3 or reduc\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 16:37
L3	1541	spot adj diameter near4 (narrow\$3 or shrink\$3 or decreas\$3 or reduc\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 16:37
L4	1408	spot adj diameter near3 (narrow\$3 or shrink\$3 or decreas\$3 or reduc\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 16:37
L5	1235	spot adj diameter near2 (narrow\$3 or shrink\$3 or decreas\$3 or reduc\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 16:37
L6	11	spot adj diameter near2 (narrow\$3 or shrink\$3 or decreas\$3 or reduc\$6) same (photodiode or photodetector)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 16:50
L7	1	"20030128440"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 17:22
L8	126	398/128.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 19:18
L9	214	398/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 19:18
L10	173	398/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 19:19
L11	232	398/131.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 19:19
L12	658	8 or 9 or 10 or 11	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 19:19
L13	10	12 and spot adj diameter	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 19:19
S1	1	"20040120082"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:35

## EAST Search History

S2	10	optical adj proximity adj spatial	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:36
S3	2	"20050024785"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:43
S4	0	S3 and photodetector	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:37
S5	2	S3 and rotatable	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:37
S6	0	S3 and rotatable with axis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:37
S7	0	S3 and rotatable with align\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:38
S8	2	S3 and proximity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:38
S9	20	("20010004798"   "20010026425"   "20020024780"   "20020044397"   "20020085323"   "20020149889"   "20020154455"   "20020154456"   "20020154457"   "20030137781"   "20030206382"   "5018037"   "5583725"   "6146776"   "6252750"   "6324037"   "6344953"   "6348274"   "6385017"   "6433972").PN. OR ("7072154"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:39
S10	1579142	"19" and (light or laser or photodetector or fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:40
S11	7	S9 and (light or laser or photodetector or fiber or pd or photo?detector)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:40
S12	229	okazaki near3 yutaka	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:44
S13	229	okazaki near2 yutaka	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:44
S14	5	S13 and (photodetct\$3 or pd or photo?detect\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:47

## EAST Search History

S15	1	tomohiro near2 ikegami and (photodetect\$3 or pd or photo?detect\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:47
S16	41	tomohiro near2 ikegami	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/31 18:47
S17	5	("4484236"   "4605974"   "4926273"   "5341248"   "6243240").PN. OR ("6813109").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:49
S18	13	("4040101"   "4730222"   "5175630").PN. OR ("5341248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:50
S19	0	S18 and "398"/\$7.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:50
S20	0	S18 and ("398"/\$7.ccls. or "359"/\$7.ccls. or "370"/\$7.ccls. or "372"/\$7.ccls. or "375"/\$7.ccls. or "379"/\$7.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:52
S21	14	("3725607"   "4389680"   "4390915"   "4737865"   "4743985"   "4851935"   "5181146"   "5187617"   "5341248"   "5369534"   "5402271"   "5473478"   "5488520"   "5502603").PN. OR ("RE39029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:51
S22	0	S21 and ("398"/\$7.ccls. or "359"/\$7.ccls. or "370"/\$7.ccls. or "372"/\$7.ccls. or "375"/\$7.ccls. or "379"/\$7.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:52